





V + (312 5) = (6,41-1) 6(x-3)-4(y-2)-1(z-5)=06x-4y-2-5=0 Eci plans fon. x = 3+66 } Cc Reda Normal y = 2-46 } Cc Reda Normal b. xy2 =10 (3,215) V & (x1715) = x35 -10 1 (x14,2) = 242, x2, xy) 1 (1,2,5) -20,5,21 10 (x-1) + 5 (y-2) + 2 (2-5) 10 x + 5y + 22 - 30 =6 =7 10x+5y +22 = 30 Ec. plano 60: halter la ecución de los planos tangentos a las esperficies dades

= 8 x - 22 - 4 1 501.

(59) a. z = x2-y2 (3,2,5)

7 F(x14,2) = (2x-24,-17

Po (4,3,2,5) X2+y2=2 =0 VF (xy,z)--(2x ,2y,-1) V f (413,215) - < 816, -1) = n

8(x-4) +6(4-3)+(-1)(2-2)=6 8x+6y-2=48/s